

Converting Colors

Hex(FEAC20)

Have a look what the booklet for
Hex(FEAC20) contains.

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Color

Hex(FEAC20)

Conversions

Conversions Part 1

Format	Color
Hex	FEAC20
RGB	254, 172, 32
RGB Percent	100%, 67%, 13%
CMY	0.0039, 0.3255, 0.8745
CMYK	0.00, 0.32, 0.87, 0.00
HSL	38°, 99%, 56%
HSV	38°, 87%, 100%
XYZ	55.8863, 50.6802, 8.2032
YIQ	180.5580, 93.8120, -26.1560

Conversions

Conversions Part 2

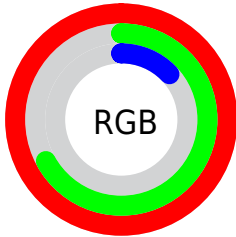
Format	Color
RYB	162, 254, 32
Decimal	16690208
CIELab	76.48, 20.24, 74.99
CIElCh	76, 77.670, 74.894
Yxy	50.6802, 0.4869, 0.4416
Android (android.graphics.Color)	4294880288 (0xFFFEAC20)
YUV	180.5580, -73.2391, 64.4086
Hunter-Lab	71.1900, 15.5454, 43.0010

Details

The Hex color **FEAC20** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2072FE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE35E**, and **BF7800** is the 20% darker color. If you saturate the color by 10%, you get **FEA307**, and if you desaturate by 10%, it is **FEB539**.

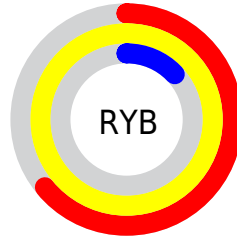
Distribution



Red (100%)

Green (67%)

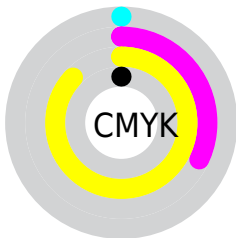
Blue (13%)



Red (64%)

Yellow (100%)

Blue (13%)

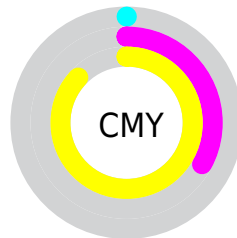


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEAC20 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FEAC20 by changing the saturation by 10% instead.

 FEAC20

 FEAC20

FFFFFF

 DF9100

 FFE35E

 BF7800

 FFFF7A

 A15F00

 FFFF96

 834700

 FFFFB2

 663100

 FFFFCF

 4A1B00

 FFFFEC

 2F0500

 0D0000

 000000

 FEAC20

 FEAC20

 FEA307

 FEB539

 FEA000

 FEBF53

 FEC86C

 FED286

 FEDB9F

 FEE4B8

 FEEED2

 FEF7EB

FEFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF8E59



FEAC20



BFC412

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FEAC20



00DEE0



ED99FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FEAC20



2072FE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6DB9FF



FEAC20



00DBFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FEAC20



00DC95



00CFFF



FF7CE4

Rectangle

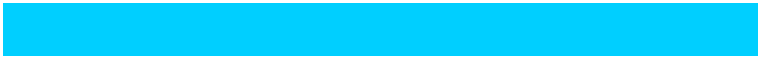
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEAC20



8BD03A



00CFFF



CDA4FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FEAC20



FFE7BD



FE2075



807158



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FEAC20



FFA100



E4FE20



807B73



BF7900



402800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2072FE



005EFF



3A20FE



737780



0047BF



001840

Previews

White Background



This preview shows how the Hex color FEAC20 looks on a white background.

Color Contrast Check

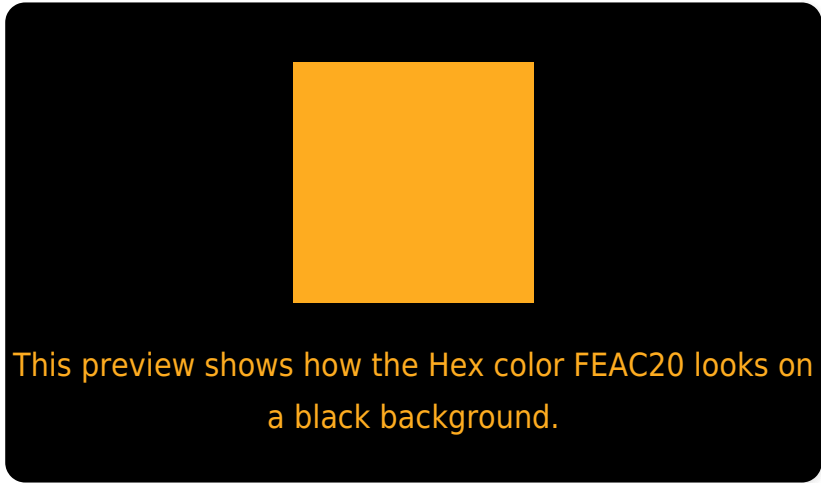
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FEAC20 Background



This preview shows how black text looks on a background with the Hex color FEAC20.



This preview shows how white text looks on a background with the Hex color FEAC20.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
FEAC20

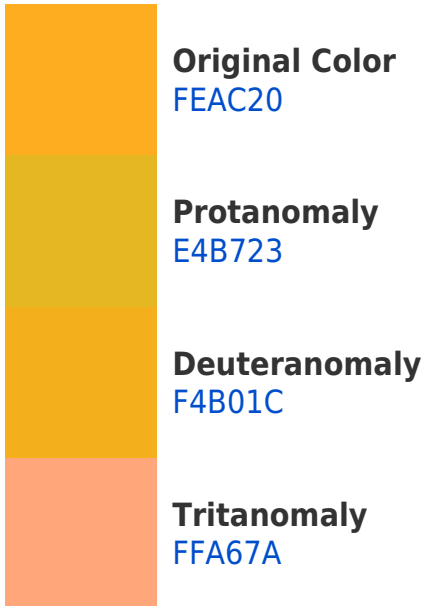
Protanopia
D5BE25

Deuteranopia
EFB31A

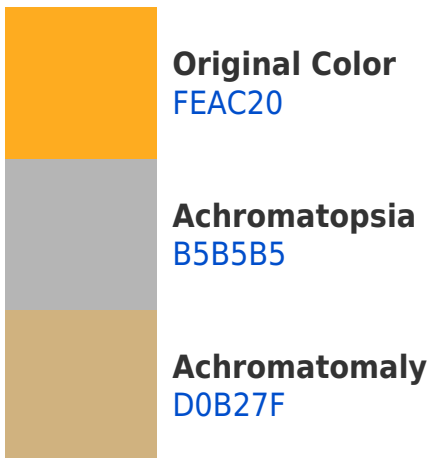


Tritanopia
FFA3AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEAC20 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FEAC20 looks like.

```
.text, #text, p{  
    color:#FEAC20  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FEAC20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEAC20
}
```

Border

The CSS property to change the border of an element to Hex FEAC20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FEAC20 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FEAC20 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FEAC20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEAC20; -webkit-box-shadow:4px 4px  
4px 4px #FEAC20; box-shadow:4px 4px 4px  
4px #FEAC20 }
```

Background

The CSS property to change the background color of an element to Hex FEAC20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEAC20 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FEAC20 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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